

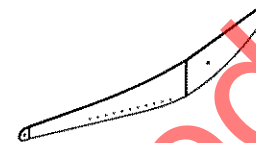
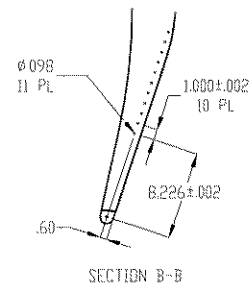
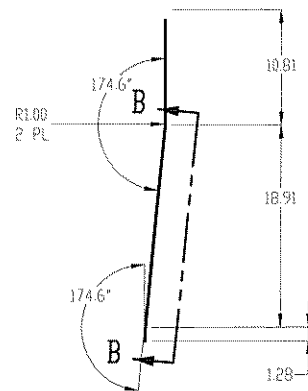
APICAL

INDUSTRIES, INC.

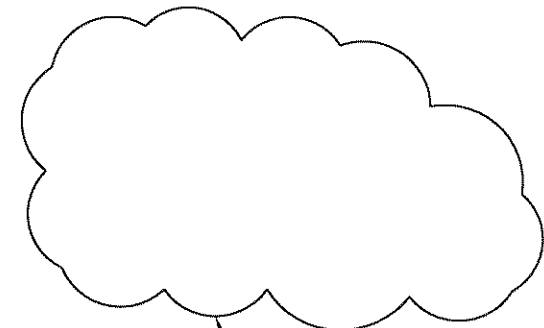
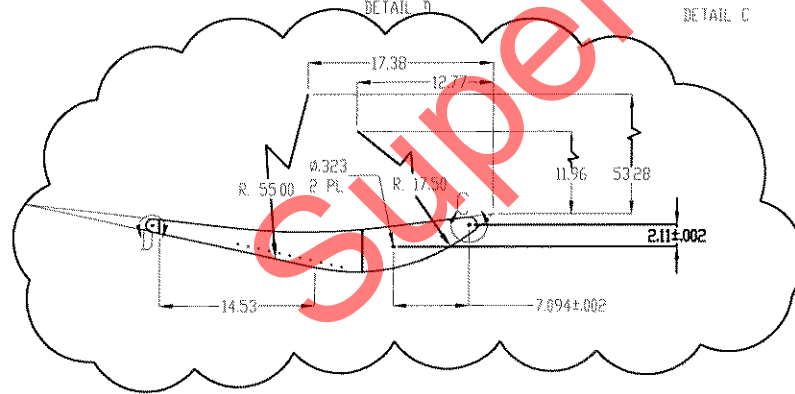
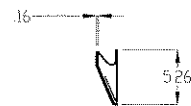
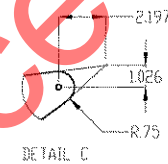
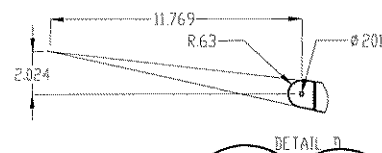
ENGINEERING CHANGE NOTICE NO. 03970				SHEET 1 OF 2	
DWG NO. 647.1700		REV: A	PREPARED BY: J. BECKER	DATE: 07/03/13	EFFECT ON DWG <input checked="" type="checkbox"/> INC. <input type="checkbox"/> UNINC.
DWG TITLE: SKID DEFLECTOR ASSY					
APPROVED BY:	ENGR: <i>[Signature]</i>	MFG: <i>[Signature]</i>	QC: <i>[Signature]</i>	EFF: NEXT ORDER	
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: CREATED CONFIGURATION .1702. REVISED DIMENSION.			

10	C	647.1715	1		PLATE	1	3
9	C	647.1714	1		PLATE	1	3
8	R	601.1622	1	1	SCREW	MS27039-1-14	
7	R	601.2943	1	1	LOCKNUT	MS21942-3	
6	R	601.1607	1	2	WASHER	NAS1149F0332P	
5	R	601.1915	1	22	RIVET	CR3213-4-4	
4	R	647.1713	1	1	SPACER	2	3
3	R	647.1712	1	1	GUSSET	1	3
2	R	647.1711		1	PLATE	1	3
1	R	647.1710		1	PLATE	1	3
	C	647.1702			SKID DEFLECTOR ASSY		
F/N	TC	PART NUMBER	1702	1701	DESCRIPTION	MATERIAL	SPECIFICATION
			QTY				

DOCUMENTS EFFECTED: ☐ MDL ☐ INSTALL INSTRUC ☐ ICA ☒ BOM ☐ CHANGE CATEGORY ☐ MAJOR ☒ MINOR ☐ DER REVIEW REQUIRED ☐ YES ☒ NO



6471711 SHOWN
6471719 OPPOSITE



WAS

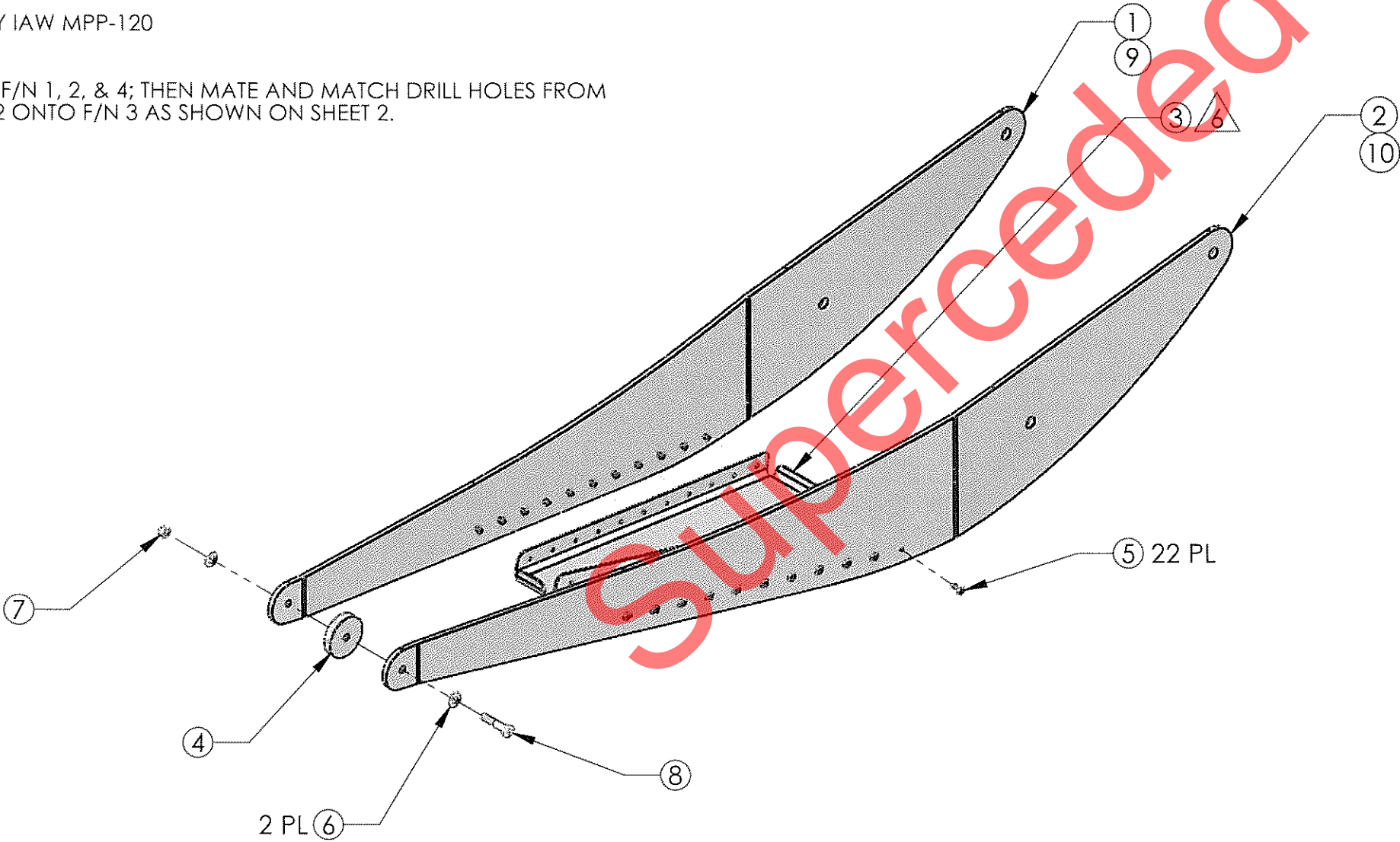
SHEET 3, ZONE C7, D4:
















THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR2		N/C
N/C	INITIAL RELEASE	08/05/09	P. BRAVO
A	INCORPORATED ECN: 02937 & 03921	06/07/13	P. BRAVO
B	INCORPORATED ECN: 03970	07/03/13	P. BRAVO

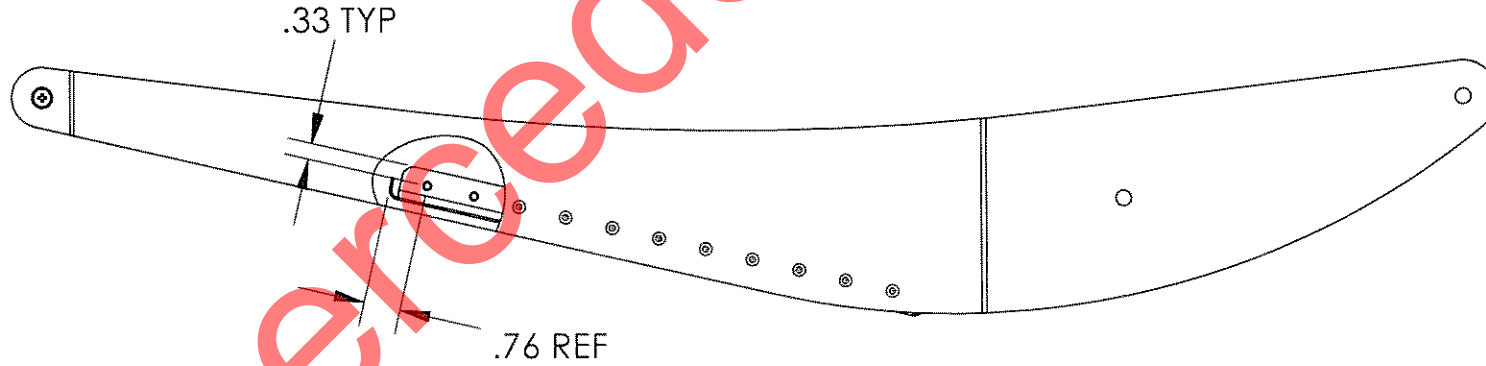
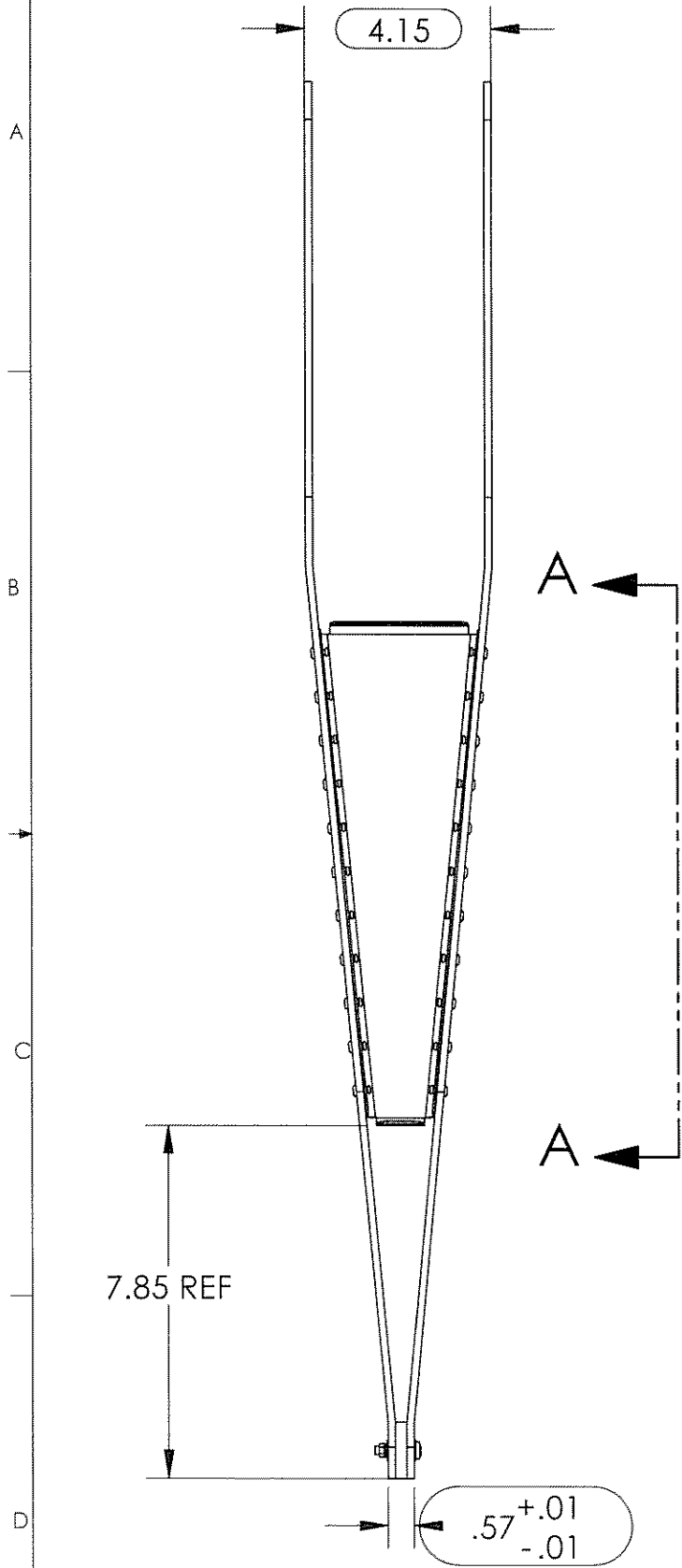
NOTES:

- 1 MATERIAL: 7075-T6 ALUMINUM PER AMS-QQ-A-250/12
- 2 MATERIAL: 6061-T6 ALUMINUM BAR IAW AMS-QQ-A-250/11
- 3 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III CLASS 2, COLOR BLACK; PRETREAT PRC-DESOTO PR-148 ADHESION PROMOTER, COLOR BLUE; PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX
4. DEBURR AND BREAK ALL SHARP EDGES
5. IDENTIFY IAW MPP-120
- 6 CLAMP F/N 1, 2, & 4; THEN MATE AND MATCH DRILL HOLES FROM F/N 1 & 2 ONTO F/N 3 AS SHOWN ON SHEET 2.



	1		10	647.1715	PLATE		
	1		9	647.1714	PLATE		
	1	1	8	601.1622	SCREW	MS27039-1-14	
	1	1	7	601.2943	LOCKNUT	MS21042-3	
	1	2	6	601.1607	WASHER	NAS1149F0332P	
	1	22	5	601.1915	RIVET	CR3213-4-4	
	1	1	4	647.1713	SPACER		
	1	1	3	647.1712	GUSSET		
		1	2	647.1711	PLATE		
		1	1	647.1710	PLATE		
				647.1702	SKID DEFLECTOR ASSY		
				647.1701	SKID DEFLECTOR ASSY		
	.1702	.1701	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
QTY			PARTS LIST				
NEXT ASSY (S)			ORIGINAL DATE (MO-DA-YR) 08/05/09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300		
647.1300			DRAWN BY CHECKER J. GARDINER P. BRAVO				
			DRAWING APPROVAL P. BRAVO 08/05/09		SKID DEFLECTOR ASSY		
			CONTRACT No.				
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± 5°				
			SIZE B	CAGE CODE 07/MZ6	DWG. NO. 647.1700	REV. B	
			SCALE NONE			SHEET 1 OF 5	

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



ORIGINAL DATE (MO-DA-YR) 08/05/09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY J. GARDINER	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO		SKID DEFLECTOR ASSY	
CONTRACT No.		SIZE B	REV. B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm 5^\circ$		CAGE CODE 07MZ6	DWG. NO. 647.1700
		SCALE NONE	SHEET 2 OF 5

D

ORIGINAL DATE (MO-DA-YR) 08/05/09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300			
DRAWN BY J. GARDINER	CHECKER P. BRAVO				
DRAWING APPROVAL P. BRAVO					
CONTRACT No.		SKID DEFLECTOR ASSY			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°					
SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.1700	REV. B		
SCALE: NONE			SHEET 3 OF 5		

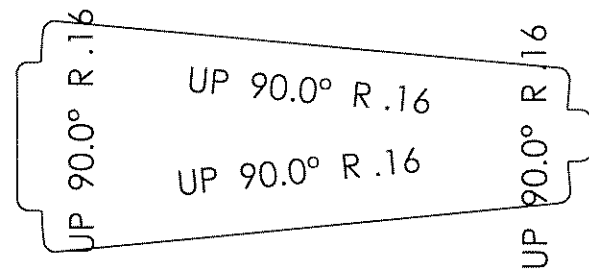
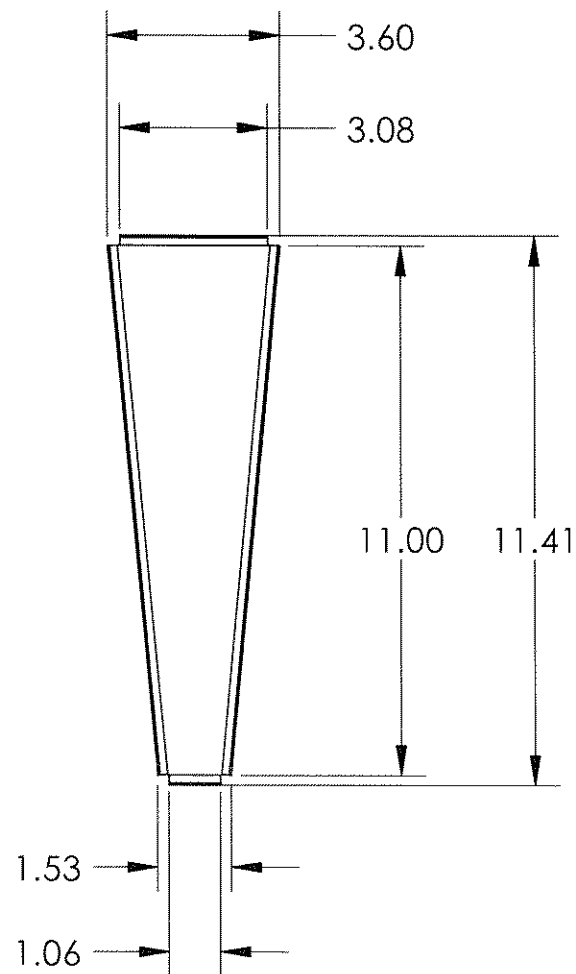
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF
APICAL INDUSTRIES ANY REPRODUCTION IN PART OR WHOLE WITHOUT
THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

A

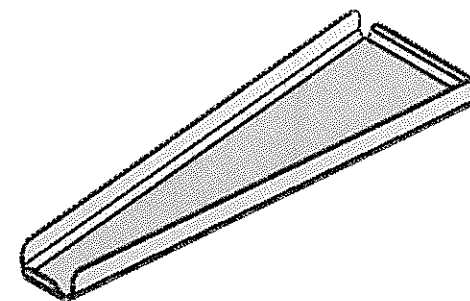
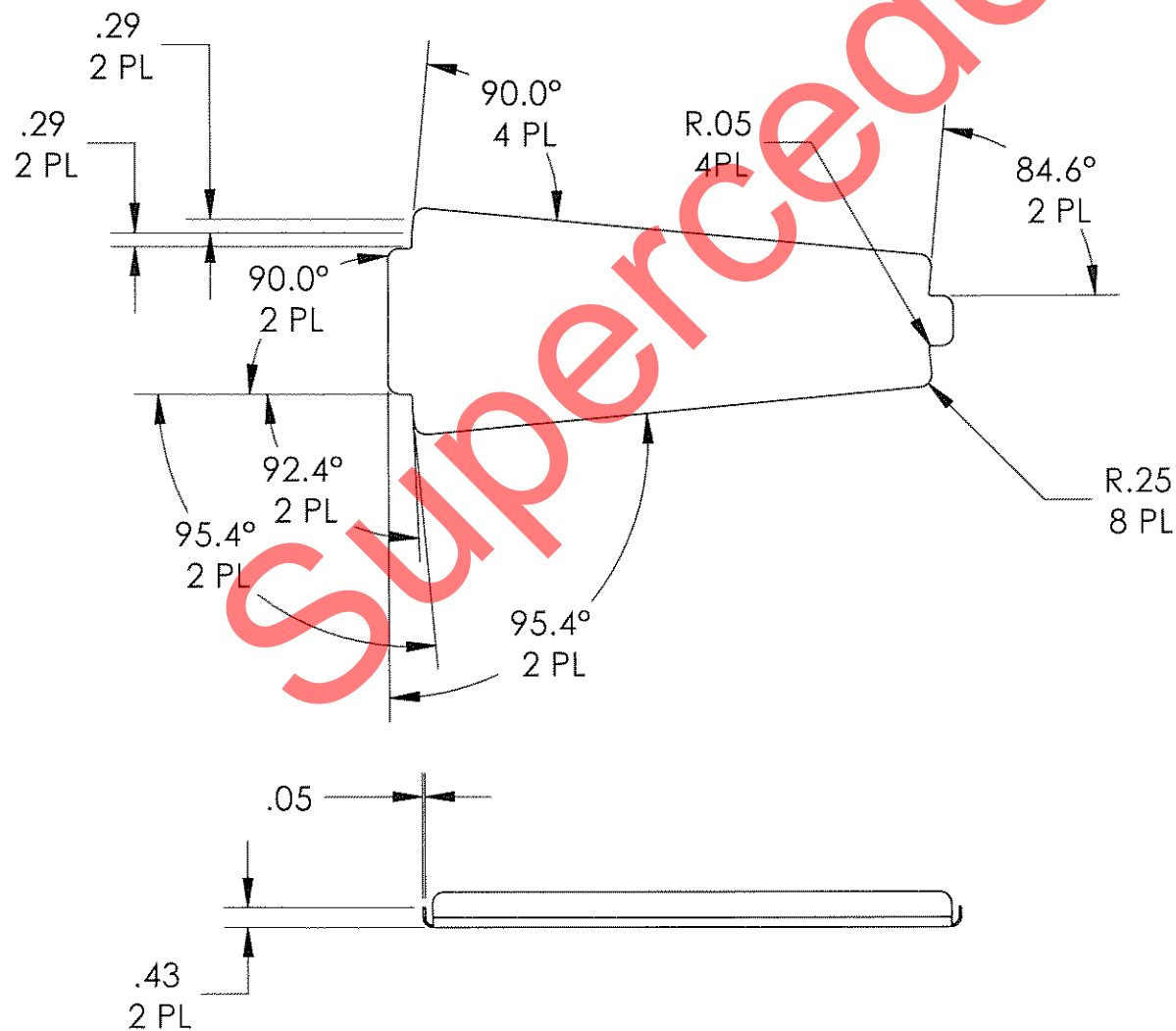
B

C

D



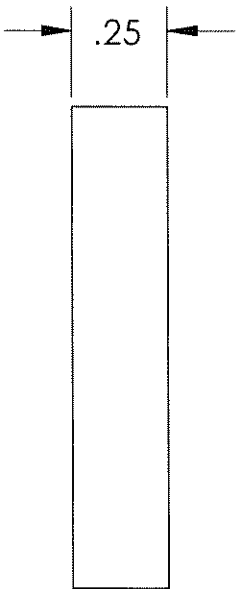
FLAT PATTERN



647.1712

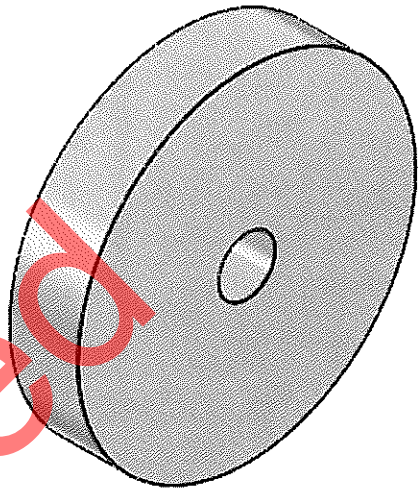
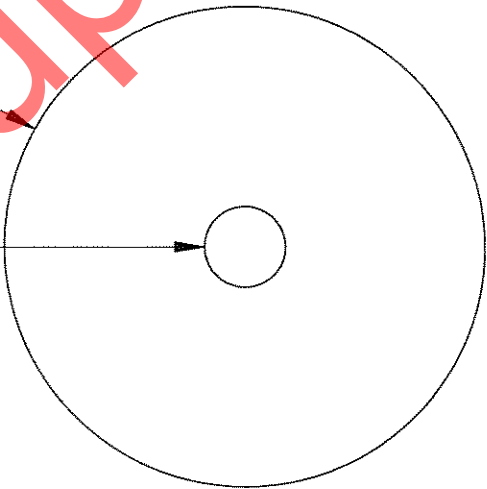
ORIGINAL DATE (MO-DA-YR) 08/05/09		APICAL INDUSTRIES	
DRAWN BY J. GARDINER		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
CHECKER P. BRAVO		SKID DEFLECTOR ASSY	
DRAWING APPROVAL P. BRAVO			
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	REV. B
		CAGE CODE 07MZ6	DWG. NO. 647.1700
		SCALE NONE	SHEET 4 OF 5

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



Ø1.25

Ø.210



647.1713

ORIGINAL DATE JMO-DA-YR1 08/05/09	
DRAWN BY J. GARDINER	CHECKER P. BRAVO
DRAWING APPROVAL P. BRAVO	
CONTRACT No.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± .5°	

APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300			
SKID DEFLECTOR ASSY			
SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.1700	REV. B
SCALE NONE			SHEET 5 OF 5